



**Notification For Low NO_x Burner Replacement for
South Carolina Oxides of Nitrogen (NO_x) Control Guidelines
Bureau of Air Quality
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Instructions for Form: Notification For Low NO_x Burner Replacement- DHEC 2935

This form will be used for notifying the Agency that the facility is replacing an existing burner assembly per SC Regulation 61-62.5, Standard 5.2. Additional forms can be found at <http://www.scdhec.net> or contact your permit writer. The facility must make written notification of the request to the Bureau of Air Quality within seven (7) days prior to register the replacement unit.

1. Company Name for Permit:

The name under which this particular facility or plant does business.

2. Existing State Air Permit Number:

The existing South Carolina air Permit Number.

3. Business Mailing Address:

The business address where the facility receives mail.

4. City:

The city of the business mailing address where the facility receives mail.

5. State:

The state of the business mailing address where the facility receives mail.

6. Zip Code:

The complete mailing zip code of the business mailing address where the facility receives mail.

7. Plant Location (Street or Highway):

The physical location of the facility.

8. City:

The city of the facility's physical location.

9. State:

The state of the facility's physical location.

10. Zip Code:

The complete mailing zip code of the facility's physical location.

11. County:

The name of the county where the facility is physically located.

12. Primary SIC Code:

Standard Industrial Classification Codes (SIC Codes) are numerical codes designed by the U.S. Government in order to create uniform descriptions of business establishments. The major SIC Code is assigned on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered.

13. NAICS Code:

The NAICS Code, a six digit coding system, is a series of number codes that attempts to classify all business establishments by the types of products or services they provide. The NAICS classification system is an index for statistical reporting of all economic activities of the U.S., Canada, and Mexico.

14. EPA (AIRS) Facility ID Number:

The existing EPA facility identification number which is assigned to the facility. If no EPA facility ID number has ever been issued to this facility, leave this item blank. Note: this is a number issued by the EPA in order to identify the facility for all purposes (similar to an individual's Social Security Number), completely separate from special federal permit numbers that may be issued.

15. Latitude:

The latitude coordinate of the facility site in degrees, minutes, and seconds.

16. Longitude:

The longitude coordinate of the facility site in degrees, minutes, and seconds.



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17. Date the Unit Was Built:

The date the NO_x emitting source was installed.

Environmental/Technical Contact:

The individual to contact regarding environmental matters.

18. Last:

The last name of the current environmental contact for the facility.

19. First:

The first name of the current environmental contact for the facility.

20. Title:

The title or position that the environmental contact possesses at the time of the application submittal.

21. Phone No.:

The complete telephone number where the local environmental contact can be notified.

22. Fax No.:

The complete telephone number for the electronic facsimile machine where correspondence may be communicated to the local environmental contact.

23. E-mail Address:

The e-mail address for the local environmental contact.

24. Applicability:

Facilities subject to the applicability requirements described in paragraphs a and b shall use this form to obtain approval from the Bureau of Air Quality as defined in SC Regulation 61-62.5, Standard No. 5.2, Section I(a)(2) and Section IV(c).

25. Notification Requirements:

This section lists the notification requirements as specified in SC Regulation 61-62.5, Standard No. 5.2, Section IV(c), Section I(a)(2), and SC Regulation 61-62.1, Section II(a).

Existing Fuel Combustion Source/Control Technology

In this section please provide the existing burner data. If the burner manufacturer data is not available, provide the information on the fuel combustion source.

26. Unit ID:

The permit identification (ID) number assigned to the source that emits or has the potential to emit NO_x generated from fuel combustion.

27. Manufacturer Name:

Enter the existing burner manufacturer name.

28. Make:

Enter the existing burner make.

29. Model/Type Number:

Enter the model/type number for the existing burner.

30. Original Date of Manufacturer:

Enter the original date the existing burner was manufactured.

31. Date Expected Equipment Removal:

Date (MM/DD/YYYY) the existing burner is expected to be removed.

32. Burner Unit Location:

Enter the physical location on the existing fuel combustion unit.

33. Rated Heat Capacity (BTU/hr):

Manufactured rated heat input.



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Existing Fuel Combustion Source Fuel Burning Data:

In this section please provide the fuel burning data for the existing fuel combustion source/burner replacement unit(s). If the burner manufacturer data is not available, provide the information on the fuel combustion source.

34. Unit ID:

The permit identification (ID) number assigned to the source that emits or has the potential to emit NO_x generated from fuel combustion.

35. Primary Fuel:

List the primary fuels used in the existing fuel combustion source unit ID.

36. Max. Sulfur Content:

Enter the maximum sulfur content of the primary fuel (coal and fuel oil).

37. Secondary Fuel:

List the secondary fuels used in the unit ID if applicable. All fuels that the source is permitted to combust should be listed.

38. Max. Sulfur Content:

Enter the maximum sulfur content of the secondary fuel (coal and fuel oil).

Replacement Fuel Combustion Source/Control Technology

In this section provide the replacement burner information.

39. Unit ID:

The permit identification (ID) number assigned to the source that emits or has the potential to emit NO_x generated from fuel combustion.

40. Manufacturer Name:

Enter the replacement burner manufacturer name.

41. Make:

Enter the replacement burner make.

42. Model/Type Number:

Enter the model/type number for the replacement burner.

43. Original Date of Manufacturer:

Enter the original date the replacement burner was manufactured.

44. Scheduled Installation Date:

Enter the date the replacement burner is scheduled to be replaced.

45. Date of Expected Operation:

Enter the date the replacement burner is expected to begin operation.

46. Burner Unit Location:

Enter the physical location on the existing fuel combustion unit.

47. Rated Heat Capacity (BTU/hr):

Manufactured rated heat input.

48. Estimated NO_x Reduction:

The burner assembly shall be replaced with a low NO_x burner assembly or equivalent technology capable of achieving a 30 percent reduction from uncontrolled NO_x emission levels based upon manufacturer's specifications.

Office Mechanics and Filing: Notification forms should be submitted to: Engineering Services Division Director, Bureau of Air Quality, 2600 Bull Street, Columbia, South Carolina, 29201. Applicant should keep a copy of the notification form. If you have any questions, please contact any permit staff member of the Engineering Services Division at the following: Phone Number (803) 898-4123 or Fax Number (803) 898-4079.